

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner of Patents, Alexandria, Virginia, 22313-1450 on December 12, 2003.

In the application of: Udo Mailänder

Serial Number:

10/632,935

Filing Date:

August 1, 2003

For:

SUPERCHARGED INTERNAL COMBUSTION ENGINE

Commissioner of Patents

Alexandria, Virginia 22313-1450

## INFORMATION DISCLOSURE STATEMENT

In accordance with 37 CFR § 1.56, Applicant wishes to call the attention of the Examiner to the following reference:

- 1) GB 815,387
- 2) US 4,453,381
- WO 99/17008 3)
- 4) EP 0 492 272

References 1-3, are in the English language and therefore need no further discussion as to their relevance.

Reference 4, EP 0 492 272, discloses an engine that is matched in its torque characteristic to the hyperbola of the tractive force, provides a considerably increased torque even when the engine speed is close to zero and is distinguished by a high power in relation to its size. For this purpose, a separate engine (11) is used for the precharger (19) connected in series with and ahead of the supercharger (20) driven by an exhaust turbine (15) and a low-compression rotary-piston diesel engine is used as the main engine (10), with a large difference in the rated power output, the precharger (19) being designed as a volumetric compressor for the high charge-air pressure for starting, and the charge-air pressure measuring device (24) together with a charge-air temperature measuring device (25) being used to control the operating charge-air pressure of the main engine (10) by means of an output controller (23) of the precharger engine (11). Further increases in power

Copies of the listed documents are submitted herewith along with the form PTO-

are achieved with the aid of continuously operating glow-ignition devices and continuously

operating diesel injection devices. The internal combustion engine is suitable, in particular,

for the direct driving of a motor vehicle without the use of a gearbox.

It is respectfully requested that any fees required and not enclosed herewith or any shortages in any fees be charged to Deposit Account 02-1653.

Consideration of the foregoing in relation to this application is respectfully requested.

Respectfully submitted,

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Enclosures: PTO 1449

Reference (4)

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT			
	Application Number	10/632,935	
	Filing Date	August 1, 2003	
	First Named Inventor	Udo Mailänder	
	Group Art Unit		
	Examiner Name		
	Attorney Docket No.	Schiering 3	

U. S. PATENT DOCUMENTS							
Examiner Initials	Cite No.	Patent Number	Issue Date	Patentee	Class	Subclass	Filing Date
	2	4,453,381	6/12/1984	Dinger			1/6/1982
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FOREIGN PATENT DOCUMENTS								
Examiner Initials	Cite No.	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translatio	
							Yes	No
	1	GB 815,387	27 Jun 1956	Great Britain			Х	
	3	WO 99/17008	08 Apr 1999_	WIPO			X	
	4	EP 0492272	01 Jul 1992	Europe		<u> </u>	×	<u> </u>
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OTHER PRIOR ART B NON PATENT LITERATURE DOCUMENTS					
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